

In the claims

Please amend the claims as follows:

1-11. (Canceled).

12. (Currently Amended) A catheter for delivering a stent, comprising:

an outer tube having a proximal end, a distal end and a wall defining a lumen;

a balloon sealingly connected to the outer tube adjacent the distal end, the balloon defining an interior volume and having an exterior surface;

an inner tube disposed within the outer tube and defining a lumen for a guidewire;

and a marker arrangement comprising at least one marker made from a wire of a highly radiopaque and ductile material wrapped around the inner tube to form a coil-like marker that is flexible along a longitudinal axis of the inner tube.

13. (Canceled).

14. (Previously Presented) The catheter of claim 1, wherein the wire is wrapped in a plurality of at least partially overlapping layers.

15. (Previously Presented) The catheter of claim 1,

wherein the wire is at least partially embedded in the material of the inner tube.

16. (Previously Presented) The catheter of claim 1, wherein the wire is covered by a thin tube-like cover.

17. (Previously Presented) The catheter of claim 1, wherein the wire has a circular cross-section.

18. (Previously Presented) The catheter of claim 1, wherein the wire has a flat, rectangular cross-section.

19. (Previously Presented) The catheter of claim 1, wherein the wire is made out of a material selected from the group of platinum, tantalum, gold and alloys of these materials.

20. (Previously Presented) The catheter of claim 1, wherein the marker arrangement is disposed on the inner tube within the balloon.

21. (Previously Presented) The catheter of claim 1, wherein the at least one marker is disposed at the catheter tip.

22. (New) A catheter for delivering a stent, comprising:

an outer tube having a proximal end, a distal end and

a wall defining a lumen;

an inner tube disposed within the outer tube and
defining a lumen for a guidewire;

a balloon sealingly connected to the inner tube and
the outer tube near the distal ends thereof, the balloon
defining an interior volume and having an exterior surface; and

a marker made from a wire of a highly radiopaque and
ductile material, wherein the wire is wrapped in a plurality of
at least partially overlapping layers such that the marker is
flexible along a length of the catheter.

23. (New) The catheter of claim 22, wherein the wire
is wrapped around the inner tube to form a coil-like marker
tube.

24. (New) The catheter of claim 22, wherein the wire
is at least partially embedded in the material of the inner
tube.

25. (New) The catheter of claim 22, wherein the wire
is covered by a thin tube-like cover.

26. (New) The catheter of claim 22, wherein the wire
has a circular cross-section.

27. (New) The catheter of claim 22, wherein the wire has a flat, rectangular cross-section.

28. (New) The catheter of claim 22, wherein the wire is made out of a material selected from the group of platinum, tantalum, gold and alloys of these materials.

29. (New) The catheter of claim 22, wherein the marker arrangement is disposed on the inner tube within the balloon.

30. (New) The catheter of claim 22, wherein the at least one marker is disposed at the catheter tip.